

Abstract

[Figure 1]

Jaw crusher

[0047] A jaw crusher (10) includes a fixed jaw (16) and a swing jaw (18), which define a crushing chamber (26). The swing jaw (18) is mounted for cyclic movement in the direction of the fixed jaw (16), for crushing material between the two jaws. A cross beam (42) is adjustably received in apertures (40) provided in the walls (12, 14) of the frame (11). A toggle plate (54) is operatively arranged between the rear of the swing jaw (18) and the front of the cross beam (42). An hydraulic cylinder arrangement (60) includes a pair of cylinders mounted one on either side of the frame (11) in a respective aperture (40), in operative engagement with the rear of the cross beam (42). In use, the cylinders are pressurised to a predetermined value to provide an adjustable, pre-loaded reaction against the toggle plate (54), in line with the side walls.